

FLOW&VOLUME GROUP

Reference standards

Atenție: Când se apasă apar informațiile de la varianta în lb.română

Metrological Services

A. Calibration of:

- test bench for verification of water meters;
- test bench with standard volume measures for verification of meters for liquids other than water;
- test bench for verification of gas meters;
- meters for liquids other than water - calibration with water;
- cold and hot water meters;
- gas meters;
- portable test bench for verification of anemometers;
- anemometer for mines and cranes;
- gravimetric or volumetric test bench for verification of flow meter for liquids;
- diaphragm for measuring flow meters - calibration with water;
- nozzle - calibration with water / critical nozzle;
- Venturi tube – calibration with water;
- flow meters for air or water;
- electromagnetic, turbine, ultrasonic insertion, Vortex, differential, etc. flowmeter;
- heat meters with uninterchangeable or interchangeable subassemblies;
- calculator for measuring thermal in energy meters or systems - steam or water;
- standard equipment for verification of computers with heat meters;
- standard test bench for verification of pairs of heat-resistant to heat meters;
- measuring systems for quantities of water in flow system level pool with spillways or measurement thresholds;
- thermal measuring systems with diaphragm for heating water or steam;
- computers for measuring thermal energy systems for heating water or steam;
- primary standard glass measures;
 - with nominal volume of (20...1000) cm³, including;
 - with nominal volume of (2...20) dm³ including;
- secondary standard measures volume of unique value (with overflow);
- secondary standard volume measures with graduated scale on generators;
- equipment with standard volume measures for checking motor tanks;
- equipment with standard volume measures for checking railway tanks;
- equipment with standard volume measures for checking the meters for liquids other than water;
- equipment with standard meter for liquids;
- Flask, pipette, burette, dispenser;

- graduated, graduated microburette;

For the complete list of calibrations performed and prices please see the list of measuring instruments LE 2016 (<http://www.inm.ro/ro/?page=services>).

B. Verification of the following measuring instruments:

- meters for liquids other than water;
- flow transducers;
- hot or cold water meters;
- gas meters;
- conversion devices of gas volume;
- measuring systems for quantities of fuel gas;
- flow computers for measuring systems for quantities of fuel gas;
- heat meters and heat meters in open circuit;
- computers of thermal energy;
- pairs of heat-resistant to heat meters;
- measuring systems for continuous and dynamic measurement of quantities of liquids other than water;
- flow computers for measuring systems for continuous and dynamic measurement of quantities of liquids other than water;
- pressure transducers for measuring systems for quantities of fuel gas;
- pressure transducers for measuring systems for quantities of liquids other than water;
- temperature sensors (heat-resistant) / adapters for temperature measurement systems in the quantity of fuel gas;
- temperature sensors (heat-resistant) / adapters temperature for continuous measurement systems and dynamic measurement of quantities of liquids other than water;
- volume measures for fluid used in direct sales;
- tankers;
- storage tanks for liquids other than liquefied gas;

B. Intermediate verifications according to EN ISO / IEC 17025: 2005 for:

- single channel pipettes piston fixed volume;
- single channel pipettes piston variable volume;
- multichannel pipettes piston;
- digital burettes;
- dispenser

Intermediate verification are charged based on estimates.

Traceability is ensured to the SI.

Personnel, functions and coordinates

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